

**CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN REGION**

MONITORING AND REPORTING PROGRAM NO. 00-046
FOR
UNITED STATES MARINE CORPS, OWNER/OPERATOR
AIR GROUND COMBAT CENTER
CLASS III LANDFILL
Twentynine Palms - San Bernardino County

Location of Discharge: S 1/2, of Section 8, and NE 1/4 of Section 17. T2N, R9E, SBB&M

A. GENERAL

Reporting responsibilities of waste dischargers are specified in Section 13225(a), 13267(b), and 13387(b) of the California Water Code, and the State Water Resources Control Board's Resolution No. 93-062. The discharger is exempt from ground water monitoring pursuant to 40 CFR §258.50(b). This self-monitoring program is issued pursuant to Title 27 Section 20415 and Specification No. 1 of Regional Board Order No. 00-046. The principal purposes of a self-monitoring program by a waste discharger are:

1. To document compliance with discharge requirements and prohibitions established by the Regional Board.
2. To facilitate self-policing by the waste discharger in the prevention and abatement of pollution arising from waste discharge;
3. To prepare vadose zone (unsaturated zone) gas quality analyses.

B. VADOSE ZONE MONITORING

1. The discharger shall establish vadose zone monitoring wells at locations approved by the Regional Board's Executive Officer.
2. The discharger shall sample the vadose zone monitoring wells and perform analysis according to the most recent version of standard USEPA Methods (U. S. EPA Publications SW 846).
3. The monitoring parameters for the landfill shall include:
 - i. methane gas;
 - ii. vinyl chloride;and any other constituents as may be directed by the Regional Board's Executive Officer.
4. Ground water monitoring, pursuant to Title 27, shall be implemented if ground water is detected beneath the landfill in the future.

C. VADOSE ZONE REPORTING

1. Quarterly monitoring reports shall be submitted to the Regional Board by January 15, April 15, July 15, and October 15 of each year. Annual monitoring reports shall be submitted by January 15 of each year.
2. All monitoring reports shall be certified by a California Registered Civil Engineer or Registered Geologist.

Submit monitoring reports to:
California Regional Water Quality Control Board
Colorado River Basin Region
73-720 Fred Waring Drive, Suite 100
Palm Desert, CA 92260

Ordered By: _____
Executive Officer

June 28, 2000
Date